



DLA PIPER RUDNICK GRAY CARY US LLP

1200 NINETEENTH STREET, NW
WASHINGTON, DC 20036-2412

TELEPHONE: 202-861-3900

FACSIMILE: 202-223-2085

DOCKET NO.: 2343-172-27

ASSISTANT COMMISSIONER FOR PATENTS

PO BOX 1450

ALEXANDRIA, VA 22313-1450

Re: Serial No.: 10/662,347
Applicants: Akshaya KUMAR, et al.
Filing Date: September 16, 2003
For: FIBER OPTIC LASER-INDUCED BREAKDOWN
SPECTROSCOPY DEVICE AND METHODS OF USE
Group Art Unit: 2877
Examiner: Kara E. Geisel

SIR:

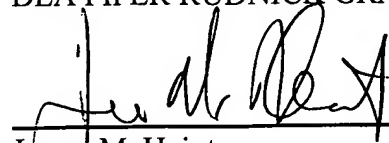
Attached hereto for filing are the following papers:

Fee Transmittal
Issue Fee Transmittal

Our check in the amount of \$ 1000.00 is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary extension of time to make the filing of the attached documents timely, please charge or credit the difference to Deposit Account No. 50-1442. Further, if these papers are not considered timely filed, then a request is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

DLA PIPER RUDNICK GRAY CARY US LLP



James M. Heintz
Registration No. 41,828



FEE TRANSMITTAL FY 2005

Docket No.	2343-172-27
Serial No.	10/046,731
Filing Date	September 16, 2003
Inventor(s)	Akshaya KUMAR, et al.
Group Art Unit	2877
Examiner	Kara E. Geisel

TOTAL AMOUNT OF PAYMENT \$1,000.00

1. ☒ Applicant claims small entity status.
- ☒ Charge any **UNDERPAYMENT** or credit any **OVERPAYMENT** in the indicated fees to Deposit Account No. 50-1442.
- ☐ Charge the indicated fees to Deposit Account No. 50-1442.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
--------------	--------------	-----------------	----------

2. ☒ Check enclosed.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description		1251	120	2251	60	1-mo. ext. of time	
Code	Fee \$	Code	Fee \$		Fee Paid	1252	450	2252	225	2-mo. ext. of time	
1011	300	2011	150	Utility Filing Fee		1253	1020	2253	510	3-mo. ext. of time	
1012	200	2012	100	Design Filing Fee		1254	1590	2254	795	4-mo. ext. of time	
1013	200	2013	100	Plant Filing Fee		1255	2160	2255	1080	5-mo. ext. of time	
1014	300	2014	150	Reissue Filing Fee		1401	500	2401	250	Notice of Appeal	
1005	200	2005	100	Provisional Filing Fee		1402	500	2402	250	Appeal Brief	
1111	500	2111	250	Utility Search Fees		1403	1000	2403	500	Request for Oral Hearing	
1311	200	2311	100	Utility Examination Fees		1501	1400	2501	700	Utility/Reissue Issue Fee	700.00
SUBTOTAL					\$0.00	1504	300	1504	300	Publication Fee	300.00

2. EXTRA CLAIM FEES

tot. claims			-	20*	=	0	x	\$50	=	0	1806	180	1806	180	IDS Submission	
ind. claims			-	3*	=	0	x	\$200	=	0	8021	40	8021	40	Assignment Recordation	
<input type="checkbox"/>	Multiple Dependent Claims							\$360	=		1801	790	2801	395	For Filing RCE	
SUBTOTAL										0	1814	130	2814	65	Terminal Disclaimer	

3. APPLICATION SIZE FEES

Total # of Sheets		# of Extra Sheets		Other:					
	-	100	=	0					
# of each additional 50 sheets or fraction thereof (round up)		Fee		Total Fee Due				SUBTOTAL	1000
	x	\$250	=	0					

Name	James M. Heintz	Registration No.	41,828
Signature		Date	6/28/06
Name		Registration No.	
		Telephone	202-861-3900

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 or **Fax** (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

24510 7590 04/21/2006

DLA PIPER RUDNICK GRAY CARY US LLP
 ATTN: PATENT GROUP
 1200 NINETEENTH STREET, NW
 WASHINGTON, DC 20036



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/662,347	09/16/2003	Akshaya Kumar	2343-172-27	2071

TITLE OF INVENTION: FIBER OPTIC LASER-INDUCED BREAKDOWN SPECTROSCOPY DEVICE AND METHODS OF USE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$1000	07/21/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
GEISEL, KARA E	2877	356-318000

Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 DLA Piper Rudnick

2 Gray Cary US LLP

3

ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Mississippi State University

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Mississippi State, Mississippi

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies _____

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-1442 (enclose an extra copy of this form).

Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Typed or printed name James M. Heintz

Date

01 FC:2501

02 FC:1504

Registration No. 41,828

06/30/2006 MBEYEF2 00000001 10662347

700.00 OP

300.00 OP

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete his form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.